

JENISH VEKARIYA

Hatfield, PA 19440

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Immigration Status: US Green Card Holder

SKILLS

Programming: Python, SQL, Java, R programming, C/C++, JavaScript

Data Analysis & Visualization: Microsoft Power BI, Tableau, Excel

Frameworks & Tools: Databricks, React.js, Node.js, Google Firebase

Soft Skills: Strong analytical skills, excellent communication, team collaboration, problem-solving

EDUCATION

University of the Pacific
Master of Science in Data Science

2023 — Expected: 2025
San Francisco, California

Gujarat University
Bachelor of Computer Applications

2019 — 2022
Gujarat, India

Relevant Coursework

- Linear Algebra
- Relational Database
- Data Wrangling
- NLP
- Machine Learning
- Frequentist Statistics
- Analytics Computing
- Bayesian Statistics
- Software Methods
- Artificial Intelligence

PROFESSIONAL EXPERIENCE

Data Scientist Intern
247ERICPOINTCOM

May 2024 - Present
Remote

- Developed and implemented a recommendation system, enhancing user engagement and achieving a 15% increase in conversion rates.
- Conducted in-depth data analysis on large datasets to identify trends, optimize business strategies, and provide actionable insights.
- Attended daily meetings with the manager, effectively setting and prioritizing new targets while ensuring the timely completion of existing projects, leading to a 20% improvement in project turnaround time.
- Collaborated with cross-functional teams to refine data pipelines, reducing data processing time by 30%.
- Provided weekly progress reports to management, enabling data-driven decision-making and strategic planning.

Data Analyst Extern
Webacy Inc.

Mar 2024 - April 2024
Remote

- Conducted comprehensive blockchain technology analysis, identifying emerging technologies and assessing their market positioning.
- Synthesized research findings to create a strategic market map, recommending blockchain solutions to enhance company competitiveness.
- Collaborated with cross-functional teams to ensure data integrity and support business operations.

Software Engineer
Rutilant Technology

July 2022 - June 2023
Gujarat, India

- Engineered a web platform that increased user visits by 30% over 3 months, enhancing user engagement and retention.
- Participated in production support and handled software monitoring systems, ensuring system stability and performance.
- Developed three highly responsive websites within six months, resulting in a 19.22% increase in online sales revenue.
- Led a project that improved website loading time from 10s to 1s in 3 months, reducing bounce rate by 55%.

PROJECTS

Medication Compliance of Patients | Python [↗](#)

- Built a machine learning model to predict patient medication adherence using Logistic Regression. Achieved an accuracy of 88% on a dataset of 144,169 patients and implemented feature engineering techniques including data cleaning, transformation, and scaling to prepare the data for modeling.
- Conducted a cross-validation analysis to evaluate the generalizability of the Logistic Regression model and compared its performance with other machine learning algorithms like SVC, KNN, Decision Tree, Random Forest, and Gradient Boosting Classifier. Identified Gradient Boosting Classifier to be the most performant algorithm with the highest mean test score.

HR Analytics Dashboard | Microsoft Power BI [↗](#)

- Developed and Designed a robust employee attendance dashboard leveraging Power BI, increased remote work productivity by implementing targeted support measures, resulting in a 20% improvement
- Skills Used: Data modeling, DAX calculations, data visualization.
- Enhanced HR decision-making, resulting in a 10% reduction in absenteeism and streamlined workforce management.
- Results: Achieved a 10% reduction in absenteeism, leading to increased productivity and cost savings for AtliQ.